

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/639,912  
Filing Date: August 16, 2000  
Applicant: Bengelt  
Group Art Unit: 2614  
Examiner: Shang  
Title: Method and Apparatus for bi-directional data services  
and live television programming to mobile platforms  
Attorney Docket: 7784-000129

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Director of The United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**PETITION FOR CORRECTION OF INVENTORSHIP  
OF A PATENT APPLICATION UNDER 37 C.F.R. §1.48(a)**

1. This is a petition for correction of inventorship in the above referenced patent application. It is respectfully requested per 37 C.F.R. §1.48(a)(1) that the Patent and Trademark Office amend the above referenced patent application to correct the error by adding Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White, George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison as co-inventors.

2. The following documents are attached:

a. a statement from the persons being added as co-inventors that the error in inventorship occurred without deceptive intention on their part, pursuant to 37 §1.48(a)(2).

b. a declaration by each of the actual inventors as required by

10/07/2004 ZJUHR1 00000049 09639912

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37 C.F.R. §1.63, pursuant to 37 C.F.R. §1.48 (a)(3).

c. written assent of the assignee, pursuant to 37 C.F.R. §1.48(a)(5).

3. Per 37 C.F.R. §1.48(a)(4), a check for \$130 is being submitted to cover the fee set forth in 37 C.F.R. §1.17(i). Please charge any underpayment or credit associated with this petition to the aforementioned deposit account number.

4. The undersigned attorney submits that all of the requirements of 37 C.F.R. §1.48 have been fulfilled and respectfully requests that the PTO identify the co-inventors as being Greg A. Bengelt, Jeffrey P. Harrang, William R. Richards, Michael G. Lynch, Michael de La Chapelle, Paulus J. Martens, Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White, George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison.

Respectfully submitted,

Dated: October 4, 2004

By:



Mark D. Elchuk  
Reg. No. 33,686

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600  
MDE/jo



10/05/04

IPW 2614/4

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/639,912		
	Filing Date	August 16, 2000	
	First Named Inventor	Bengeult	
	Art Unit	2614	
	Examiner Name	Shang	
Total Number of Pages in This Submission		Attorney Docket Number	7784-000129

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Assent of Assignee to Addition of Inventor; Verified Statement of Facts; Assignment; Declaration; Statement under 37 CFR Section 3.73(b) and Power of Attorney; Return Postcard</b>
<b>Remarks</b> The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Mark D. Elchuk	Reg. No.	33,686
Signature					
Date	October 4, 2004				

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Mark D. Elchuk	Express Mail Label No.	EV 406 076 618 US (10/4/2004)
Signature		Date	October 4, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EV 406 076 618 US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) 130

## Complete if Known

Application Number 09/639,912

Filing Date August 16, 2000

First Named Inventor Bengault

Examiner Name Shang

Art Unit 2614

Attorney Docket No. 7784-000129

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☐ Deposit Account:

Deposit  
Account  
Number 08-0750

Deposit  
Account  
Name Harness, Dickey & Pierce, P.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  -20 \*\* =  0 X  =  0

Independent Claims  -3 \*\* =  0 X  =  0

Multiple Dependent  X  =  0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130

## SUBMITTED BY

Name (Print/Type) Mark D. Elchuk Registration No. (Attorney/Agent) 33,686 Telephone 248/641-1600

Signature *Mark D. Elchuk* Date October 4, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/639,912  
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Applicant: Bengelt  
Group Art Unit: 2614  
Examiner: Shang  
Title: Method and Apparatus for bi-directional data services  
and live television programming to mobile platforms  
Attorney Docket: 7784-000129

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Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSENT OF ASSIGNEE TO ADDITION OF INVENTOR**

The Boeing Company, owner by assignment of the entire right, title and interest of the above referenced patent application consents to the amendment of the inventorship of the above referred patent application as requested in the accompanying papers. Documentary evidence establishing chain of title from the original owner to the assignee, per 37 C.F.R. §3.73(b), is recorded in the assignment records of the Patent and Trademark Office on Reel 011303 and Frame 0836.

Date: 8/9/04

Henry G. Kohlmann  
Counsel  
The Boeing Company  
15460 Laguna Canyon Road  
Irvine, CA 92618

Witness: \_\_\_\_\_

Debbie Fletcher

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/639,912  
Filing Date: August 16, 2000  
Applicant: Bengault  
Group Art Unit: 2614  
Examiner: Shang  
Title: Method and Apparatus for bi-directional data services and live television programming to mobile platforms  
Attorney Docket: 7784-000129

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Director of The United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**VERIFIED STATEMENT OF FACTS**

✓ Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White,  
George Fitzsimmons, Russell ✓ Berkheimer, Robert P. ✓ Higgins and Arthur F.  
✓ Morrison hereby declare that:

1. The present application was filed in the U.S. Patent Office on August 16, 2000, and received serial no. 09/639,912. The application was initially filed in the names of Greg A. Bengault, Jeffrey P. Harrang, William R. Richards, Michael G. Lynch, Michael de La Chapelle and Paulus J. Martens.

2. The application was inadvertently filed omitting the names of Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White,

George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison as co-inventors through error and without deceptive intention.

3. At the time of filing the application, the originally named inventors did not fully appreciate the contribution of Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White, George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison to the claimed invention.

4. Upon further discussion of this matter between Ronald S. Carson and Mark D. Elchuk (a patent attorney of record for the present application), it became apparent that the omitted inventors were improperly omitted.

5. All statements made herein are of our own knowledge and true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above referenced patent.

Date: 11 August 2004

Ronald S. Carson  
Ronald S. Carson

Date: August 11, 2004

R.D. Williams II  
Richard D. Williams II

Date: September 27, 2004

Daniel F. Miller

Date: September 27, 2004

Geoffrey White  
O. lw

Date: \_\_\_\_\_

George Fitzsimmons

George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison as co-inventors through error and without deceptive intention.

3. At the time of filing the application, the originally named inventors did not fully appreciate the contribution of Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White, George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison to the claimed invention.

4. Upon further discussion of this matter between Ronald S. Carson and Mark D. Elchuk (a patent attorney of record for the present application), it became apparent that the omitted inventors were improperly omitted.

5. All statements made herein are of our own knowledge and true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above referenced patent.

Date: 11 August 2004

Ronald S. Carson  
Ronald S. Carson

Date: August 11, 2004

R. D. Williams II  
Richard D. Williams II

Date: Sept 20, 2004

Daniel F. Miller  
Daniel F. Miller

Date: \_\_\_\_\_

\_\_\_\_\_  
Geoffrey White

Date: \_\_\_\_\_

\_\_\_\_\_  
George Fitzsimmons



George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison as co-inventors through error and without deceptive intention.

3. At the time of filing the application, the originally named inventors did not fully appreciate the contribution of Ronald S. Carson, Richard D. Williams II, Daniel F. Miller, Geoffrey White, George Fitzsimmons, Russell Berkheimer, Robert P. Higgins and Arthur F. Morrison to the claimed invention.

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Date: \_\_\_\_\_

\_\_\_\_\_  
Ronald S. Carson

Date: \_\_\_\_\_

\_\_\_\_\_  
Richard D. Williams II

Date: \_\_\_\_\_

\_\_\_\_\_  
Daniel F. Miller

Date: \_\_\_\_\_

\_\_\_\_\_  
Geoffrey White

Date: 8/12/04

George Fitzsimmons  
George Fitzsimmons

Date: 11 AUG 04

Date: 11 AUG 04

Date: 11 August 2004

Russell Berkheimer  
Russell Berkheimer

Robert P. Higgins  
Robert P. Higgins

Arthur F. Morrison  
Arthur F. Morrison

## DECLARATION AND POWER OF ATTORNEY



Atty. Dkt. No.: 7784-000129

## DECLARATION

below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Method and Apparatus for bi-directional data services and live television programming to mobile platforms**

the specification of which (check one)

- ☐ is attached hereto.  
or  
☒ was filed on 8/16/00 as Application Serial No. or PCT International Application No. 09/639,912 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)				
APPN. SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORITY CLAIM	
			Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

## DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S)	
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

PRIOR U.S. APPLICATION(S)		
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### POWER OF ATTORNEY

I hereby appoint Robert H. Sproule, Reg. No. 30,689; Robert L. Gullette, Reg. No. 26,899; Daniel G. Feder, Reg. No. 37,618; Henry G. Kohlmann, Reg. No. 26,672; Ann K. Galbraith, Reg. No. 33,530; John C. Hammar, Reg. No. 29,928; William C. Anderson, Reg. No. 28,147; Terje Gudmestad, Reg. No. 32,232; Nicholas Thane Bauz, Reg. No. 41,604 of The Boeing Company, 100 North Riverside Plaza, Chicago, Illinois 60606-1596, and Mark D. Elchuk, Reg. No. 33,686 and each principal, attorney of counsel, associate, and employee of Harness, Dickey & Pierce, P.L.C., my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**DECLARATION AND POWER OF ATTORNEY****CORRESPONDENCE ADDRESS**

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

**Full name of sole or first inventor:** Greg A. Bengault

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 13504 SE 339<sup>th</sup> Ct., Auburn, Washington 98092

Citizenship: USA

Mailing Address: same

**Full name of second joint inventor, if any:** Jeffrey P. Harrang

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 24239 NE 7<sup>th</sup> Place, Sammamish, Washington 98074

Citizenship: USA

Mailing Address: same

**Full name of third joint inventor, if any:** William B. Richards

Inventor's signature: William B. Richards

Date: 8/5/04

Residence: 24808 SE 133<sup>rd</sup> Way, Issaquah, Washington 98027

Citizenship: USA

Mailing Address: same

**Full name of fourth joint inventor, if any:** Michael G. Lynch

Inventor's signature: Michael G. Lynch

Date: 11 August 2004

Residence: 2770 Alki Ave SW, Seattle, Washington 98116

Citizenship: USA

Mailing Address: same

#404 mwr

**DECLARATION AND POWER OF ATTORNEY****CORRESPONDENCE ADDRESS**

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

**Full name of sole or first inventor:** Greg A. Bengault

**Inventor's signature:** 

**Date:** 8/9/04

**Residence:** 13504 SE 339<sup>th</sup> Ct., Auburn, Washington 98092

**Citizenship:** USA

**Mailing Address:** same

**Full name of second joint inventor, if any:** Jeffrey P. Harrang

**Inventor's signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Residence:** 24239 NE 7<sup>th</sup> Place, Sammamish, Washington 98074

**Citizenship:** USA

**Mailing Address:** same

**Full name of third joint inventor, if any:** William B. Richards

**Inventor's signature:** 

**Date:** 8/5/04

**Residence:** 24808 SE 133<sup>rd</sup> Way, Issaquah, Washington 98027

**Citizenship:** USA

**Mailing Address:** same

**Full name of fourth joint inventor, if any:** Michael G. Lynch

**Inventor's signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Residence:** 2770 Alki Ave SW, Seattle, Washington 98116

**Citizenship:** USA

**Mailing Address:** same

## DECLARATION AND POWER OF ATTORNEY

### CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 926, Bloomfield Hills, Michigan 48303 (248) 641-1600.

Full name of sole or first inventor: Greg A. Bengsult

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 13504 SE 339<sup>th</sup> Ct., Auburn, Washington 98092

Citizenship: USA

Mailing Address: same

Full name of second joint inventor, if any: Jeffrey P. Harrang

Inventor's signature: Jeffrey P. Harrang

Date: 8/18/04

Residence: 24239 NE 7<sup>th</sup> Place, Sammamish, Washington 98074

Citizenship: USA

Mailing Address: same

Full name of third joint inventor, if any: William B. Richards

Inventor's signature: William B. Richards

Date: 8/5/04

Residence: 24808 SE 133<sup>rd</sup> Way, Issaquah, Washington 98027

Citizenship: USA

Mailing Address: same

Full name of fourth joint inventor, if any: Michael G. Lynch

Inventor's signature: Michael G. Lynch

Date: 11 August 2004

Residence: 2770 Alki Ave SW, Seattle, Washington 98116

Citizenship: USA

Mailing Address: same

**DECLARATION AND POWER OF ATTORNEY****Full name of fifth joint inventor, if any:** Michael de La ChapelleInventor's signature: Michael de La ChapelleDate: August 5, 2004

Residence: 242 W. Lake Sammamish SE, Bellevue, Washington 98008

Citizenship: USA

Mailing Address: same

**Full name of sixth joint inventor, if any:** Paulus J. MartensInventor's signature: Paulus J. MartensDate: August 6, 2004Residence: 1407 SW 126<sup>th</sup> St., Seattle, Washington 98146

Citizenship: USA

Mailing Address: same

**Full name of seventh joint inventor, if any:** Ronald S. CarsonInventor's signature: Ronald S. CarsonDate: 11 August 2004Residence: 18110 143<sup>rd</sup> Avenue Southeast, Renton, Washington 98058

Citizenship: USA

Mailing Address: same

**Full name of eighth joint inventor, if any:** Richard D. Williams IIInventor's signature: R. D. Williams IIDate: 8/11/2004Residence: 27802 193<sup>rd</sup> Ave. SE, Kent, Washington 98042

Citizenship: USA

Mailing Address: same



**DECLARATION AND POWER OF ATTORNEY****Full name of ninth joint inventor, if any:** Daniel F. MillerInventor's signature: *Daniel F. Miller*Date: 9/20/04

Residence: 20714 Snag Is. Dr., Sumner, Washington 98390

Citizenship: USA

Mailing Address: same

**Full name of tenth joint inventor, if any:** Geoffrey White

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 15817 SE 232<sup>nd</sup> St., Kent, Washington 98042

Citizenship: USA

Mailing Address: same

**Full name of eleventh joint inventor, if any:** George Fitzsimmons

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 21604 148<sup>th</sup> Ave., SE

Citizenship: USA

Mailing Address: same

**Full name of twelfth joint inventor, if any:** Russell BerkeimerInventor's signature: *Russell Berkeimer*Date: 11 AUG 04

Residence: 25008 SE Mirrmont Blvd., Issaquah, Washington 98027

Citizenship: USA

Mailing Address: same

**DECLARATION AND POWER OF ATTORNEY****Full name of ninth joint inventor, if any:** Daniel F. Miller

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 20714 Snag Is. Dr., Sumner, Washington 98390

Citizenship: USA

Mailing Address: same

**Full name of tenth joint inventor, if any:** Geoffrey White

Inventor's signature: \_\_\_\_\_

Date: September 27, 2004Residence: 15817 SE 232<sup>nd</sup> St., Kent, Washington 98042

Citizenship: USA

Mailing Address: same

**Full name of eleventh joint inventor, if any:** George Fitzsimmons

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 21604 148<sup>th</sup> Ave., SE

Citizenship: USA

Mailing Address: same

**Full name of twelfth joint inventor, if any:** Russell BerkheimerInventor's signature: Russell BerkheimerDate: 11 AUG 04

Residence: 25008 SE Mirrmont Blvd., Issaquah, Washington 98027

Citizenship: USA

Mailing Address: same

## DECLARATION AND POWER OF ATTORNEY

Full name of ninth joint inventor, if any: Daniel F. Miller

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 20714 Snag Is. Dr., Sumner, Washington 98390

Citizenship: USA

Mailing Address: same

Full name of tenth joint inventor, if any: Geoffrey White

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 15817 SE 232<sup>nd</sup> St., Kent, Washington 98042

Citizenship: USA

Mailing Address: same

Full name of eleventh joint inventor, if any: George Fitzsimmons

Inventor's signature: George Fitzsimmons

Date: 8/12/04

Residence: 21604 148<sup>th</sup> Ave., SE

Citizenship: USA

Mailing Address: same

Full name of twelfth joint inventor, if any: Russell Berkhelmer

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 25008 SE Mirrormont Blvd., Issaquah, Washington 98027

Citizenship: USA

Mailing Address: same

**DECLARATION AND POWER OF ATTORNEY**

Full name of thirteenth joint inventor, if any: Robert P. Higgins

Inventor's signature: Robert P. Higgins

Date: 11 AUG 04

Residence: ~~12055 30<sup>th</sup> Avenue Southwest, Seattle, Washington 98146~~

Citizenship: USA

Mailing Address: same

5758 27TH N.E. SEATTLE, WA 98105

Full name of fourteenth joint inventor, if any: Arthur F. Morrison

Inventor's signature: Arthur F. Morrison

Date: 11 August 2004

Residence: 12421 Southeast 275<sup>th</sup> Place, Kent, Washington 98031

Citizenship: USA

Mailing Address: same



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/639,912  
Filing Date: August 16, 2000  
Applicant: Bengault  
Group Art Unit: 2614  
Examiner: Shang  
Title: Method and Apparatus for bi-directional data services  
and live television programming to mobile platforms  
Attorney Docket: 7784-000129

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Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 3.73(b) AND POWER OF ATTORNEY**

Under 37 C.F.R. § 3.74(b), the undersigned hereby states that the below-named

Assignee is an assignee in the above-identified Application:

Assignee: The Boeing Company  
100 North Riverside Plaza  
Chicago, Illinois 60606-1596

The documentary evidence of a chain of title from the original owner to the  
Assignee is provided in the Assignment Document(s):

\_\_\_ filed herewith,  
X previously filed,

Reel No. 011303, Frame No. 0836.

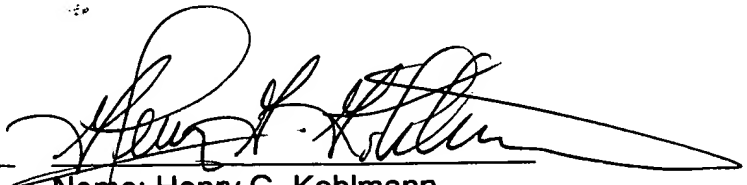
## CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Customer No. 27572, Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

The undersigned, whose title is supplied below, is empowered to sign this certificate on behalf of the assignee.

Date: \_\_\_\_\_

8/9/04

A handwritten signature in black ink, appearing to read "Henry G. Kohlmann", written over a horizontal line.

Name: Henry G. Kohlmann  
Title: Counsel

## ASSIGNMENT

Atty. Docket No. 7784-000129

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

**Method and Apparatus for bi-directional data services and live television programming to mobile platforms**

for which Assignor is about to make or has made United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on; or
- (c) ☒ filed on 8/16/00, and assigned Serial No. 09/639,912 or PCT International Application No. , and

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

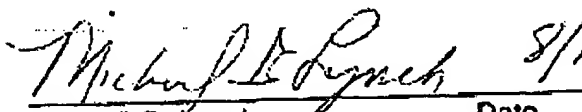
Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. 09/639,912, filed 8/16/00) the filing date and application number of said application when known.

# ASSIGNMENT

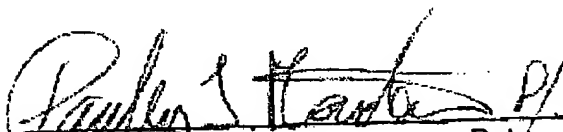
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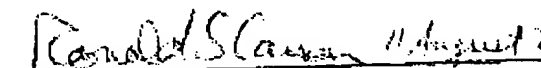
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 8/5/04  
\_\_\_\_\_  
William R. Richards Date

 8/11/04  
\_\_\_\_\_  
Michael G. Lynch Date

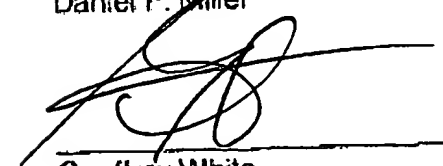
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Michael de La Chapelle Date

 8/5/04  
\_\_\_\_\_  
Paulus J. Martens Date

 11 August 2004  
\_\_\_\_\_  
Ronald S. Carson Date

 8/11/04  
\_\_\_\_\_  
Richard D. Williams II Date

\_\_\_\_\_  
Daniel F. Miller Date

 September 27, 2004  
\_\_\_\_\_  
Geoffrey White Date

O.

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# ASSIGNMENT

Greg A. Bengtson

Date

*Jeffrey P. Harring* 8/18/04  
Jeffrey P. Harring Date

*William R. Richards* 8/5/04  
William R. Richards Date

*Michael G. Lynch* 8/11/04  
Michael G. Lynch Date

*Michael de La Chapelle* 8/5/04  
Michael de La Chapelle Date

*Paulus J. Menens* 8/5/04  
Paulus J. Menens Date

*Ronald S. Carson* August 2004  
Ronald S. Carson Date

*R.R. Williams II* 8/11/04  
Richard D. Williams II Date

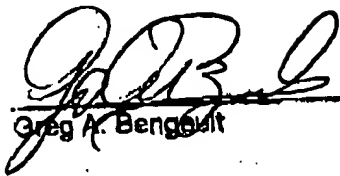
Daniel F. Miller

Date

Geoffrey White

Date

# ASSIGNMENT

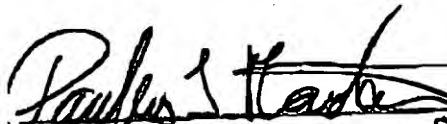
  
Greg A. Bengtson      8/9/04  
Date

\_\_\_\_\_  
Jeffrey P. Harrang      Date

  
William R. Richards      8/5/04  
Date

\_\_\_\_\_  
Michael G. Lynch      Date

  
Michael de La Chapelle      8/5/04  
Date

  
Paulus J. Martens      8/5/04  
Date

\_\_\_\_\_  
Ronald S. Carson      Date

\_\_\_\_\_  
Richard D. Williams II      Date

\_\_\_\_\_  
Daniel F. Miller      Date

\_\_\_\_\_  
Geoffrey White      Date

## ASSIGNMENT

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Greg A. Bengéult

Date

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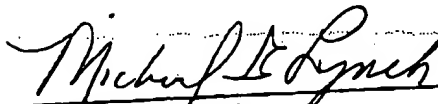
Jeffrey P. Harrang

Date

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 8/5/04  
William R. Richards Date

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 8/11/04  
Michael G. Lynch Date

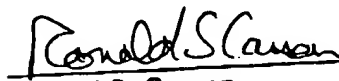
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 8/5/04  
Michael de La Chapelle Date

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 8/5/04  
Paulus J. Martens Date

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 11 August 2004  
Ronald S. Carson Date

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 8/11/04  
Richard D. Williams II Date

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 9/20/04  
Daniel F. Miller Date

---

Geoffrey White

Date

## ASSIGNMENT

\_\_\_\_\_  
Greg A. Bengault Date

\_\_\_\_\_  
Jeffrey P. Harrang Date

William R. Richards 8/5/04  
William R. Richards Date

Michael G. Lynch 8/11/04  
Michael G. Lynch Date

Michael de La Chapelle 8/5/04  
Michael de La Chapelle Date

Paulus J. Martens 8/5/04  
Paulus J. Martens Date

Ronald S. Carson 11 August 2004  
Ronald S. Carson Date

R. D. Williams II 8/11/04  
Richard D. Williams II Date

\_\_\_\_\_  
Daniel F. Miller Date

\_\_\_\_\_  
Geoffrey White Date

## ASSIGNMENT

George Fitzsimmons

Date

Russell Berkheimer

11 AUG 04

Russell Berkheimer

Date

Robert P. Higgins

11 AUG 04

Robert P. Higgins

Date

Arthur F. Morrison

11 August 2004

Arthur F. Morrison

Date

ASSIGNMENT



George Fitzsimmons

8/12/04  
Date

Russell Berkhelmer

Date

Robert P. Higgins

Date

Arthur F. Morrison

Date